

6380

QUICK START GUIDE

# Wasp DuraLine Industrial Scanner

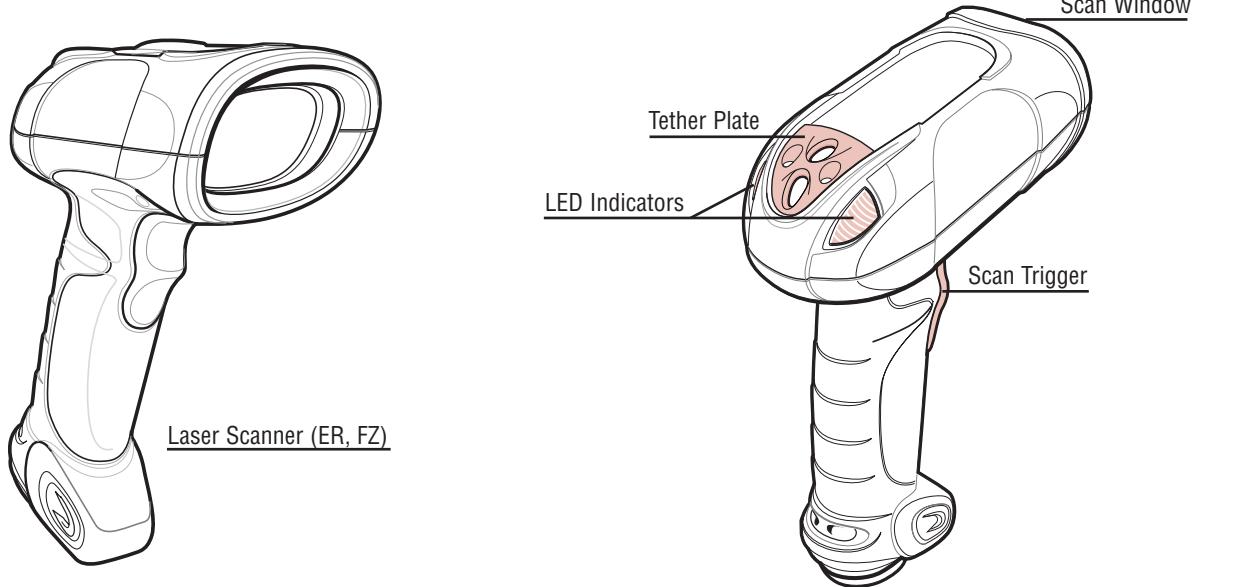
WASP WLS 8400 ER/FZ SERIES



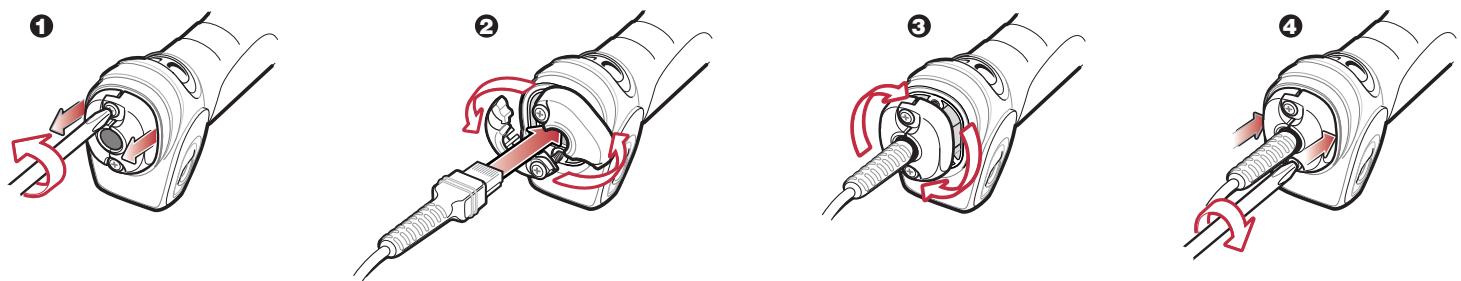
DuraLine

**Wasp**  
TECHNOLOGIES  
[www.waspbarcode.com](http://www.waspbarcode.com)

## WASP DURALINE INDUSTRIAL SCANNER

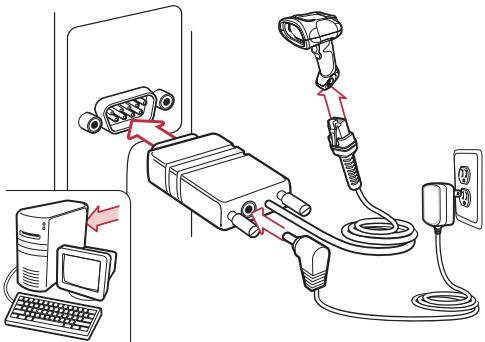


### CORD ATTACHMENT

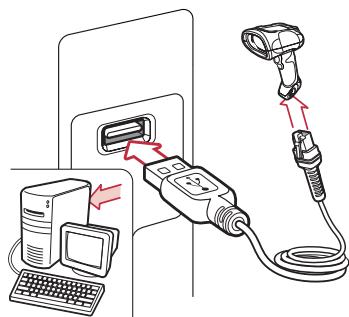


### HOST INTERFACES

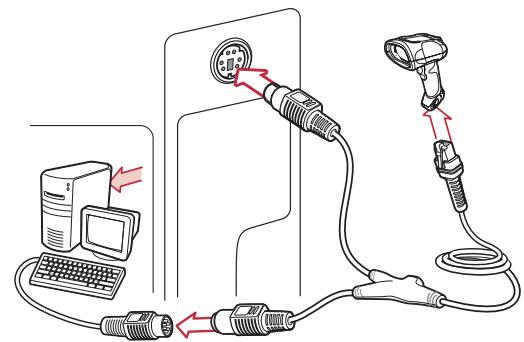
Note: Cable may vary depending on configuration



RS-232



USB



Keyboard Wedge

## TROUBLESHOOTING

### ► Scanner not working

**No power to scanner**

Check system power; ensure power supply, if required, is connected

**Incorrect interface cable used**

Ensure that correct interface cable is used

**Interface/power cables are loose**

Check for loose cable connections

### ► Scanner decoding bar code, but data not transmitting to host

**Scanner not programmed for correct host interface**

Check scanner host parameters or edit options

**Interface cable is loose**

Check for loose cable connections

### ► Scanner not decoding bar code

**Scanner not programmed for bar code type**

Ensure scanner is programmed to read type of bar code being scanned

**Bar code unreadable**

Ensure bar code is not defaced; try scanning test bar code of same bar code type

**Distance between scanner and bar code incorrect**

Move scanner closer to or further from bar code

### ► Scanned data incorrectly displayed on host

**Scanner not programmed for correct host interface**

Check scanner host parameters or edit options

## SCANNER PROGRAMMING BAR CODES

Reset Defaults



SET DEFAULTS

Start Here if you have a USB scanner

USB Host Types



HID KEYBOARD EMULATION

Start Here if you have a keyboard wedge scanner

Keyboard Wedge Host Types



IBM PC/AT and IBM PC COMPATIBLE

Set Postamble

① Erase All Rules



② Begin New Rules



Send All Data

③

④ Choose a Postamble

Enter

<Enter>

Tab

<Tab>

⑤ Save All Rules



**NOTE:** If you do not need a Postamble scan ① Erase All Rules only.

## BEEPER INDICATIONS

### ► Standard Use

**Low/medium/high beep**

Power up

**Short high beep**

Bar code decoded [if decode beeper enabled]

**4 long low beeps**

Transmission error detected; data is ignored

### ► Parameter Menu Scanning

**High/low/high/low beep**

Successful parameter setting

**High/low beep**

Correct programming sequence performed

**Low/high beep**

Incorrect programming sequence or Cancel bar code scanned

## LED INDICATIONS

**Off**

Scanner is on and ready to scan, or no power to scanner

**Green**

Bar code is successfully decoded

**Red**

Transmission error

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## WASP DURALINE INDUSTRIAL SCANNER

### PATENTS

This product is covered by one or more of the following U.S. and foreign Patents: U.S. Patent No. 4,593,186; 4,603,262; 4,607,156; 4,652,750; 4,673,805; 4,736,095; 4,758,717; 4,760,248; 4,806,742; 4,816,660; 4,845,350; 4,896,026; 4,897,532; 4,923,281; 4,933,538; 4,992,717; 5,015,833; 5,017,765; 5,021,641; 5,029,183; 5,047,617; 5,103,461; 5,113,445; 5,130,520; 5,140,144; 5,142,550; 5,149,950; 5,157,687; 5,168,148; 5,168,149; 5,180,904; 5,216,232; 5,229,591; 5,230,088; 5,235,167; 5,243,655; 5,247,162; 5,250,791; 5,250,792; 5,260,553; 5,262,627; 5,262,628; 5,266,787; 5,278,398; 5,280,162; 5,280,163; 5,280,164; 5,280,498; 5,304,786; 5,304,788; 5,306,900; 5,324,924; 5,337,361; 5,367,151; 5,373,148; 5,378,882; 5,396,053; 5,396,055; 5,399,846; 5,408,081; 5,410,139; 5,410,140; 5,412,198; 5,418,812; 5,420,411; 5,436,440; 5,444,231; 5,449,891; 5,449,893; 5,468,949; 5,471,042; 5,478,998; 5,479,000; 5,479,002; 5,479,441; 5,504,322; 5,519,577; 5,528,621; 5,532,469; 5,543,610; 5,545,889; 5,552,592; 5,557,093; 5,578,810; 5,581,070; 5,589,679; 5,589,680; 5,608,202; 5,612,531; 5,619,028; 5,627,359; 5,637,852; 5,664,229; 5,668,803; 5,675,139; 5,693,929; 5,698,835; 5,705,800; 5,714,746; 5,723,851; 5,734,152; 5,734,153; 5,742,043; 5,745,794; 5,754,587; 5,762,516; 5,763,863; 5,767,500; 5,789,728; 5,789,731; 5,808,287; 5,811,785; 5,811,787; 5,815,811; 5,821,519; 5,821,520; 5,823,812; 5,828,050; 5,848,064; 5,850,078; 5,861,615; 5,874,720; 5,875,415; 5,900,617; 5,902,989; 5,907,146; 5,912,450; 5,914,478; 5,917,173; 5,920,059; 5,923,025; 5,929,420; 5,945,658; 5,945,659; 5,946,194; 5,959,285; 6,002,918; 6,021,947; 6,029,894; 6,031,830; 6,036,098; 6,047,892; 6,050,491; 6,053,413; 6,056,200; 6,065,678; 6,067,297; 6,082,621; 6,084,528; 6,088,482; 6,092,725; 6,101,483; 6,102,293; 6,104,620; 6,114,712; 6,115,678; 6,119,944; 6,123,265; 6,131,814; 6,138,180; 6,142,379; 6,172,478; 6,176,428; 6,178,426; 6,186,400; 6,188,681; 6,209,788; 6,209,789; 6,216,951; 6,220,514; 6,243,447; 6,244,513; 6,247,647; 6,308,061; 6,250,551; 6,295,031; 6,308,061; 6,308,892; 6,321,990; 6,328,213; 6,330,244; 6,336,587; 6,340,114; 6,340,115; 6,340,119; 6,348,773; 6,380,949; 6,394,355; D305,885; D341,584; D344,501; D359,483; D362,453; D363,700; D363,918; D370,478; D383,124; D391,250; D405,077; D406,581; D414,171; D414,172; D418,500; D419,548; D423,468; D424,035; D430,158; D430,159; D431,562; D436,104.

Invention No. 55,358; 62,539; 69,060; 69,187, NI-068564 (Taiwan); No. 1,601,796; 1,907,875; 1,955,269 (Japan); European Patent 367,299; 414,281; 367,300; 367,298; UK 2,072,832; France 81/03938; Italy 1,138,713

### ERGONOMIC RECOMMENDATIONS

**Caution:** In order to avoid or minimize the potential risk of ergonomic injury follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

- Reduce or eliminate repetitive motion
- Maintain a natural position
- Reduce or eliminate excessive force
- Keep objects that are used frequently within easy reach
- Perform tasks at correct heights
- Reduce or eliminate vibration
- Reduce or eliminate direct pressure
- Provide adjustable workstations
- Provide adequate clearance
- Provide a suitable working environment
- Improve work procedures.

### REGULATORY INFORMATION

All Wasp devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required.

Any changes or modifications to Wasp Technologies equipment, not expressly approved by Wasp Technologies, could void the user's authority to operate the equipment.

Antenna's, use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could cause damage and may violate regulations.

### LASER LABELS

In accordance with Clause 5, IEC 825 and EN60825, the following information is provided to the user:



#### ENGLISH

CLASS 1 CLASS 1 LASER PRODUCT  
CLASS 2 LASER LIGHT  
DO NOT STARE INTO BEAM  
CLASS 2 LASER PRODUCT

#### SPANISH / ESPAÑOL

CLASE 1 PRODUCTO LASER DE LA CLASE 1  
CLASE 2 LUZ LASER  
NO MIRE FIJAMENTE EL HAZ  
PRODUCTO LASER DE LA CLASE 2

#### DUTCH / NEDERLANDS

KLASSE 1 KLASSE-1 LASERPRODUKT  
KLASSE 2 LASERLICHT

#### GERMAN / DEUTCH

KLASSE 1 LASERPRODUKT DER KLASSE 1  
KLASSE 2 LASERSTRAHLEN  
NIEHT DIREKT IN DEN LASERSTRAHL SCHAUEN  
LASERPRODUKT DER KLASSE 2

#### FRENCH / FRANÇAIS

CLASSE 1 PRODUIT LASER DE CLASSE 1  
CLASSE 2 LUMIERE LASER  
NE PAS REGARDER LE RAYON FIXEMENT  
PRODUIT LASER DE CLASSE 2

### RADIO FREQUENCY INTERFERENCE REQUIREMENTS



Tested to comply  
with FCC Standards  
**FOR HOME OR OFFICE USE**

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can

radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

### Radio Frequency Interference Requirements – Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

### Marking and European Economic Area (EEA)

### LASER DEVICES



Wasp products using lasers comply with US 21CFR1040.10, and IEC825-1:1993, EN60825-1:1994+A11:1996. The laser classification is marked on one of the labels on the product.

Class 1 Laser devices are not considered to be hazardous when used for their intended purpose. The following statement is required to comply with US and international regulations:

**Caution:** Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.

Class 2 laser scanners use a low power, visible light diode. As with any very bright light source, such as the sun, the user should avoid staring directly into the light beam. Momentary exposure to a Class 2 laser is not known to be harmful.